



# Architecting the Cloud: Design Decisions for Cloud Computing Service Models (SaaS, PaaS, and IaaS)

By Michael J. Kavis

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**Architecting the Cloud: Design Decisions for Cloud Computing Service Models (SaaS, PaaS, and IaaS)** By Michael J. Kavis

**An expert guide to selecting the right cloud service model for your business**

Cloud computing is all the rage, allowing for the delivery of computing and storage capacity to a diverse community of end-recipients. However, before you can decide on a cloud model, you need to determine what the ideal cloud service model is for your business. Helping you cut through all the haze, *Architecting the Cloud* is vendor neutral and guides you in making one of the most critical technology decisions that you will face: selecting the right cloud service model(s) based on a combination of both business and technology requirements.

- Guides corporations through key cloud design considerations
- Discusses the pros and cons of each cloud service model
- Highlights major design considerations in areas such as security, data privacy, logging, data storage, SLA monitoring, and more
- Clearly defines the services cloud providers offer for each service model and the cloud services IT must provide

Arming you with the information you need to choose the right cloud service provider, *Architecting the Cloud* is a comprehensive guide covering everything you need to be aware of in selecting the right cloud service model for you.

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### Editorial Review

#### Review

an invaluable guide to anyone looking to understand how to effectively deploy cloud technologies (RSA Conference, September 2014)

#### From the Author

*Architecting the Cloud* was written to fill a void that existed when I started building my first cloud application back in 2008. Each chapter provides insights gained through my experiences, both things I got right and things I got wrong. My hope is that by sharing these experiences and providing a list of design considerations in a variety of areas of concern, my readers can make more precise design decisions and not have to rely as much on trial and error as I did when I first started. Cloud computing can offer tremendous benefits such as increased speed to market, lower total cost of ownership, and greater flexibility if designed correctly, but there are no silver bullets. To achieve these benefits, a pragmatic approach is required. This book aims to arm the reader with a long list of design considerations to help the reader achieve the goals that the cloud promises.

#### From the Inside Flap

### ARCHITECTING THE CLOUD

#### Design Decisions for Cloud Computing Service Models (SaaS, PaaS, and IaaS)

Providing decision makers with the pros and cons of each service model from the viewpoint of a consumer of cloud services, *Architecting the Cloud* is essential reading for any decision maker starting the vendor selection and development process for their cloud computing initiative. Author Michael Kavis presents you with an arsenal of design decisions to contemplate and highlights the critical areas of concern that all cloud architectures must contend with.

Guiding corporations through significant design considerations, *Architecting the Cloud* discusses the pros and cons of each cloud service model and highlights major design considerations in areas such as security, data storage, monitoring, APIs, and more. This timely book arms you with enough information to choose the right cloud service provider with guidance on:

- The evolution of cloud computing
- Cloud service models
- How to avoid failure when moving to the cloud
- Selecting the appropriate technologies and vendors
- The importance of a pragmatic approach to architecture
- Choosing the right cloud service model
- The key to the cloud
- Auditing in the cloud
- Data considerations in the cloud
- Security design in the cloud
- Disaster recovery planning

The future of cloud computing can finally bring IT and the business closer together if its architects can select

the proper service model so IT can focus less on IT's needs and more on business goals. Read *Architecting the Cloud* and discover how to set the direction for your business's cloud initiatives.

## **Users Review**

### **From reader reviews:**

#### **Charles McCreery:**

Nowadays reading books are more than want or need but also turn into a life style. This reading practice give you lot of advantages. Advantages you got of course the knowledge the rest of the information inside the book that improve your knowledge and information. The data you get based on what kind of guide you read, if you want attract knowledge just go with schooling books but if you want feel happy read one along with theme for entertaining including comic or novel. The particular *Architecting the Cloud: Design Decisions for Cloud Computing Service Models (SaaS, PaaS, and IaaS)* is kind of book which is giving the reader unforeseen experience.

#### **James Buscher:**

Can you one of the book lovers? If so, do you ever feeling doubt if you find yourself in the book store? Attempt to pick one book that you never know the inside because don't assess book by its protect may doesn't work this is difficult job because you are afraid that the inside maybe not while fantastic as in the outside seem likes. Maybe you answer can be *Architecting the Cloud: Design Decisions for Cloud Computing Service Models (SaaS, PaaS, and IaaS)* why because the amazing cover that make you consider in regards to the content will not disappoint an individual. The inside or content is fantastic as the outside or perhaps cover. Your reading 6th sense will directly make suggestions to pick up this book.

#### **Julie Nealy:**

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#### **Paul Queen:**

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